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IN THE CLAIMS:

1 - 4 (cancelled)

5. (currently amended) A In a power supply circuit for generating a supply voltage based on an input constant voltage and supplying the supply voltage to a load, said power supply circuit the improvements comprising:

a delay circuit configured to delay the input constant voltage;
an output circuit configured to generate the supply voltage from the input constant voltage delayed by the delay circuit and to supply the generated supply voltage to the said load; and

a bootstrap circuit configured to heighten an input impedance of the output circuit; wherein said power supply circuit and substantially reduces shock noise.

6. (previously presented) The power supply circuit claimed in claim 5, wherein a current supplied to an input of the output circuit from the bootstrap circuit is set to a current value to drive the output circuit.

7. (previously presented) The power supply circuit claimed in claim 5, wherein the bootstrap circuit includes a circuit component which has the same electrical characteristic as the output circuit and is connected to the output in series, and supplies a current to an input of the output circuit, said current having the same magnitude as a drive current for the circuit component.

8. (previously presented)

The power supply circuit claimed in claim 5, wherein

the delay circuit comprises:

a resistance serially provided between an input terminal to which the input constant voltage is applied and the output circuit; and
a capacitance element provided between a connection point of said resistance and the output circuit and a base potential terminal serving as a base potential and delaying the input constant voltage.

9. (previously presented)

The power supply circuit claimed in claim 5, wherein,

when the supply voltage is supplied to a plurality of loads, the delay circuit and the output circuit and the bootstrap circuit are provided for each of the loads.